



image

1634

Patent  
Attorney Docket: 612,404-375  
(Formerly 265/018)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

CARRINO, et al.

Serial No.: 09/865,807

Filed: May 25, 2001

For: MULTIPLEX AMPLIFICATION AND  
SEPARATION OF NUCLEIC ACID  
SEQUENCES USING LIGATION-  
DEPENDENT STRAND DISPLACEMENT  
AMPLIFICATION AND BIOELECTRONIC  
CHIP TECHNOLOGY

Group Art Unit: 1634

Examiner: SHEINBERG, M.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above–identified application is hereby disclosed. The accompanying Form PTO-1449 provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form 1449, initial the left–most column of the form adjacent each cited reference, and return a copy for

10/10/2003 ZJUHR1 00000068 09865807

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(37 C.F.R. §1.8a)

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October 6, 2003

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IR1:1048328.1

Kristin A.M. Godfrey

Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above, but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311. Accordingly, the fee of \$180.00 as set forth in §1.17(p) is attached.


In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the Patent and Trademark Office in prior Application Serial No. 09/290,577 for which a claim for priority under 35 U.S.C. §120 has been made in the instant application. Accordingly, Applicants will provide duplicate copies in respect of the present case only if the Examiner so desires.

This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references. Please charge any deficiency or credit any overpayment to Deposit Account No. 50-0639.

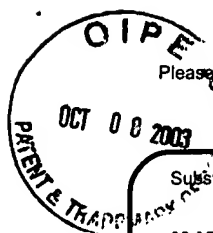
Respectfully submitted,

O'MELVENY & MYERS LLP

Dated: 10/6/03

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### Complete if Known

|                        |                               |
|------------------------|-------------------------------|
| Application Number     | 09/865,807                    |
| Filing Date            | May 25, 2001                  |
| First Named Inventor   | CARRINO, John J.              |
| Group Art Unit         | 1634                          |
| Examiner Name          | Monika B. Sheinberg           |
| Attorney Docket Number | 612404-375 (formerly 265/018) |

| Examiner<br>Initials * | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY |
|------------------------|----------------------|--------------------------------------|--|---|
|                        | Number               | Kind Code <sup>2</sup><br>(if known) |  |   |
|                        | US-4543225           |                                      | Beaujean   | 09/24/85  |
|                        | US-5130238           |                                      | Malek et al  | 07/14/92  |
|                        | US-5171392           |                                      | Iida et al   | 12/15/92  |
|                        | US-5259926           |                                      | Kuwabara et al                                     | 11/09/93  |
|                        | US-5425848           |                                      | Haisma et al                                       | 06/20/95  |
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|                        | US-5593867           |                                      | Walker et al                                       | 01/14/97  |
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|                        | US-5849486           |                                      | Heller et al                                       | 12/15/98  |
|                        | US-5876924           |                                      | Zhang et al  | 03/02/99  |
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|                        | US-6048690           |                                      | Heller et al                                       | 04/11/00  |
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|                        | US-6251660           | B1                                   | Muir et al   | 06/26/01  |
|                        | US-6309833           | B1                                   | Edman et al  | 10/30/01  |

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|------------------------|-------------------------|---------------------|--------------------------------------|---|---|----------------|
|                        | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |   |   |                |
|                        | EP                      | 0156372             | B1                                   | Sudo et al  | 11/08/89  |                |
|                        | JP                      | 3-0545              | A                                    | Hinouki et al   | 03/08/91  |                |
|                        | WO                      | 96/30546            | A1                                   | Griffin et al   | 10/03/96  |                |

| Examiner<br>Initials * | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|------------------------|---|----------------|
|                        | GUO, et al., Direct Fluorescence Analysis Of Genetic Polymorphisms By Hybridization With Oligonucleotide Arrays On Glass Supports, Nucleic Acids Research, 22, 24, 1994, 5456-5464.   |                |
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|                        | HAISMA, et al., Mold Assisted Nonolithography: A Process For Reliable Pattern Replication, J. Vac. Sci. Technol., 14, 6, November-December 2000, 4124-4128.   |                |
|                        | PATON, et al., Heterogeneity Of The Amino Acid Sequences Of Escherichia coli Shiga-like Toxin Type-I Operons, Gene, 153, 1995, 71-74.   |                |
|                        | Sequence Homology Search Results  |                |

|                       |                    |
|-----------------------|--------------------|
| Examiner<br>Signature | Date<br>Considered |
|-----------------------|--------------------|

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| Examiner Name          | Monika B. Sheinberg           |
| Attorney Docket Number | 612404-375 (formerly 265/018) |

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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